

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

13281 U.S.PTO
111303

Customer No. 004372
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Docket No. 023853-00030

Date: November 13, 2003

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): Electronic Ballast for HO Fluorescent Lamps
By (Inventors): Carlos Gabriel Bianchim

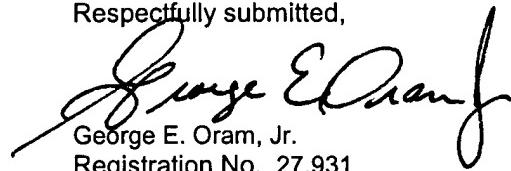
- Nine (9) pages of Specification/Claim 1/Abstract are attached.
 Two (2) pages of Formal Drawings (Figures 1-2) are attached.
 Priority of foreign application No. PI 0205859-6 filed Brazil in November 13, 2002 is claimed under 35 U.S.C. §119.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY		LARGE ENTITY	
			RATE	FEE	OR	RATE
BASIC FEE				\$ 385	OR	\$ 770
TOTAL CLAIMS	1 - 20	= 0	x 9 =	\$	OR	x 18
INDEP CLAIMS	1 - 3	= 0	x 43 =	\$	OR	x 86
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	\$	OR	+290
			TOTAL	\$	OR	TOTAL
						\$ 770

- A check for the filing fee is not enclosed at this time.

Respectfully submitted,


George E. Oram, Jr.
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GEO/jns

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